

## Active Recombinant Human CDH17 Domain 5-7 protein, His-tagged, Biotinylated, Primary Amine Labeling


Cat. No. CDH17-1332H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Primary Amine Labeling Biotinylated Active Recombinant Human CDH17 Domain 5-7 protein(Q12864)(450-777 aa) is expressed from HEK293 with His tag at the C-Terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	450-777 aa
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Biotinylated Human CDH17 Domain 5-7, His Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-CDH17 Domain 5-7 Antibody, hFc Tag with the EC50 of 10.2ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 36.79 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** CDH17 cadherin 17, LI cadherin (liver-intestine) [ Homo sapiens ]

**Official Symbol** CDH17

**Synonyms** CDH17; cadherin 17, LI cadherin (liver-intestine); cadherin-17; cadherin; HPT 1; LI cadherin; LI-cadherin; cadherin-16; HPT-1 cadherin; liver-intestine cadherin; human peptide transporter 1; intestinal peptide-associated transporter HPT-1; human intestinal peptide-associated transporter HPT-1; HPT1; CDH16; HPT-1; FLJ26931; MGC138218; MGC142024;

**Gene ID** 1015

**mRNA Refseq** NM\_001144663

**Protein Refseq** NP\_001138135

**MIM** 603017

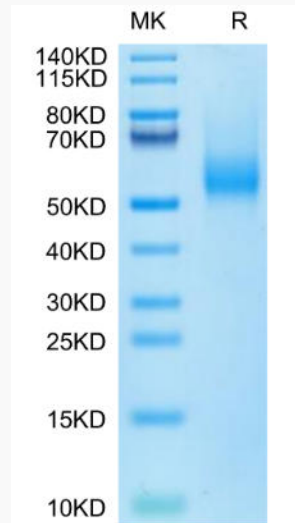
**UniProt ID** Q12864

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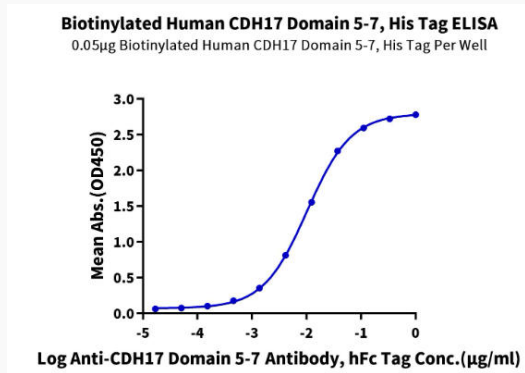
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**Bis-Tris PAGE**



**ELISA Data**



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